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RELATED MATTERS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Todd M. ROSSI et al.

TITLE : APPARATUS AND METHOD FOR DETECTING
FAULTS AND PROVIDING DIAGNOSTICS IN
VAPOR COMPRESSION CYCLE EQUIPMENT

APPLICATION NO. : 10/725,774

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EXAMINER : BARBEE, Manuel L.

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TO: Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY AND AMENDMENT UNDER 35 U.S.C. § 1.111

Dear Sirs:

This Reply and Amendment is responsive to an Office Action dated March 8, 2005. The Office Action set a shortened statutory period for response that expired on June 8, 2005.

Accordingly, enclosed herewith is a Petition for Extension of Time and the appropriate fee to

extend the period for response through today's date.

Kindly amend the application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

REMARKS begin on page 8 of this paper.